

deflected toward the openings of the inner wall portion of the peripheral wall of the housing into the inner wall portion 1" and the outer wall portion 1', then the smoke passes through the openings 4 of the inner wall portion 1" and enters the interior of the housing so as to smoke the food product suspended on the support 14. At the same time, the fans 17 are rotated by the motors 18, cool the air and cause flow of air over the upper wall 2 of the housing so as to [heat] cool the upper wall and also into the interior space 20 of the double wall 19 so as to cool the double wall and to provide gas tightness of the interior of the housing. Fat from the food product is collected in the tray.

IN THE CLAIMS:

Please cancel Claims 15-25, amend Claims 1, 5, 9-14 and add Claims 26- 27 as follows:

1. (Twice Amended) A compact smoking oven, comprising a [box-shaped] housing having a peripheral wall comprising of two wall portions spaced from one another and including an inner wall portion provided with a plurality of throughgoing openings and an outer wall portion; a container for accommodating wooden chips and having at least one wall provided with a plurality of openings; means for heating said container so that when said container is heated, wooden chips inside said container are heated to produce a smoke, said smoke enters a space between said inner wall portion and said outer wall portion of said peripheral wall and exits said space through said openings of said inner wall portion into an interior of said inner wall portion of said peripheral wall; means for holding a food product to be smoked by said smoke; and

means for cooling said housing, said housing having an upper compartment separated from an interior of said housing by an upper wall, said cooling means being located in said upper compartment and directing cool air toward said upper wall so as to cool said upper wall.

4. (Twice Amended) A compact smoking oven as defined in claim 1; [and] further comprising [product supporting means; and] tray means located above said container and below said [product supporting means] means for holding said food product so as to collect fat and deflect smoke exiting said openings of said container toward said peripheral wall, said tray means having a bottom portion sloped toward a door of said oven.

5. (Twice Amended) A compact smoking oven, comprising a [box-shaped] housing having a peripheral wall composed of two wall portions spaced from one another and including an inner wall portion provided with a plurality of throughgoing openings and an outer wall portion; a container for accommodating wooden chips and having at least one wall provided with a plurality of openings; means for heating said container so that when said container is heated, wooden chips inside said container are heated to produce a smoke, said smoke enters a space between said inner wall portion and said outer wall portion of said peripheral wall and exits said space through said openings of said inner wall portion into an interior of said inner wall portion of said peripheral wall; and food product supporting means including two discs rotatable about a horizontal axis and a plurality of rods extending substantially horizontally and inserted in said discs.

9. (Twice Amended) A compact smoking oven, comprising a [box-shaped] housing having a peripheral wall composed of two wall portions spaced from one another and including an inner wall portion provided with a plurality of throughgoing openings and an outer wall portion; a container for accommodating wooden chips and having at least one wall provided with a plurality of openings; means for heating said container so that when said container is heated, wooden chips inside said container are heated to produce a smoke, said smoke enters a space between said inner wall portion and said outer wall portion of said peripheral wall and exits said space through said openings of said inner wall portion into an interior of said inner wall portion of said peripheral wall; means for holding a food product to be smoked by said smoke; an openable hollow door which closes and opens the interior of said housing; and cooling means for cooling air and supplying it into an interior of said hollow door so as to cool said door and to increase tightness of an interior of said housing to prevent smoke escape from said housing.

10. (Twice Amended) A compact smoking oven, comprising a [box-shaped] housing having a peripheral wall composed of two wall portions spaced from one another and including an inner wall portion provided with a plurality of throughgoing openings and an outer wall portion; a container for accommodating wooden chips and having at least one wall provided with a plurality of openings; means for heating said container so that when said container is heated, wooden chips inside said container are heated to produce a smoke, said smoke enters a space between said inner wall portion and said outer wall portion of said peripheral wall and exits said space through said openings of said inner wall portion into an interior of said inner wall portion of said peripheral wall; and food product supporting means located in said housing and including

at least one [support provided with at least two rotatable discs having different axes of rotation and] rotatable disc having a plurality of hooks for suspending the food product.

11. (Twice Amended) A compact smoking oven, comprising a [box-shaped] housing having a peripheral wall composed of two wall portions spaced from one another and including an inner wall portion provided with a plurality of throughgoing openings and an outer wall portion; a container for accommodating wooden chips and having at least one wall provided with a plurality of openings; means for heating said container so that when said container is heated, wooden chips inside said container are heated to produce a smoke, said smoke enters a space between said inner wall portion and said outer wall portion of said peripheral wall and exits said space through said openings of said inner wall portion into an interior of said inner wall portion of said peripheral wall; means for holding a food product to be smoked by said smoke; said heating means including a gas heater, a metal plate [heater] heated by said gas heater and located above said gas heater and underneath said container; and a flame distributor located between said gas heater and said metal plate and having a plurality of perforations so as to distribute and direct gas flame to said metal plate in a distributed fashion.

12. (Twice Amended) A compact smoking oven, comprising a [box-shaped] housing having a peripheral wall composed of two wall portions spaced from one another and including an inner wall portion provided with a plurality of throughgoing openings and an outer wall portion; a container for accommodating wooden chips and having at least one wall provided with a plurality of openings; means for heating said container so that when said container is heated,

wooden chips inside said container are heated to produce a smoke, said smoke enters a space between said inner wall portion and said outer wall portion of said peripheral wall and exits said space through said openings of said inner wall portion into an interior of said inner wall portion of said peripheral wall; and food product supporting means including at least one rod rotatable about a horizontal axis and having a support displaceable in an axial direction for removal of the food product, said food product supporting means is entirely removable from said compact smoking oven without disassembly for loading and unloading said food product.

13. (Twice Amended) A compact smoking oven, comprising a [box-shaped] housing having a peripheral wall composed of two wall portions spaced from one another and including an inner wall portion provided with a plurality of throughgoing openings and an outer wall portion; a container for accommodating wooden chips and having at least one wall provided with a plurality of openings; means for heating said container so that when said container is heated, wooden chips inside said container are heated to produce a smoke, said smoke enters a space between said inner wall portion and said outer wall portion of said peripheral wall and exits said space through said openings of said inner wall portion into an interior of said inner wall portion of said peripheral wall; food product supporting means including [a] at least one grate composed of at least two portions movable between a position in which said [grates] portions are located close to one another so as to enclose a food product therebetween, and an open position in which said grate portions are moved, two discs rotatable about a horizontal axis with [on] at least one of said discs displaceable in an axial direction; and [a] at least one turnable rod located between said rotatable discs and supporting said grate, said food product supporting means is entirely

removable from said compact smoking oven without disassembly for loading and unloading said food product.

14. (Twice Amended) A compact smoking oven, comprising a [box-shaped] housing having a peripheral wall composed of two wall portions spaced from one another and including an inner wall portion provided with a plurality of throughgoing openings and an outer wall portion; a container for accommodating wooden chips and having at least one wall provided with a plurality of openings; means for heating said container so that when said container is heated, wooden chips inside said container are heated to produce a smoke, said smoke enters a space between said inner wall portion and said outer wall portion of said peripheral wall and exits said space through said openings of said inner wall portion into an interior of said inner wall portion of said peripheral wall; means for holding a food product to be smoked by said smoke; a door adapted to close and to open said housing; and food product supporting means connected with said door so that when said door opens, said food product supporting means are located outside of said housing for loading and unloading said food product means.

26. (New) A rotatable food support for use in a compact smoking oven, said food support comprising:

a first rotatable disc, said first disc having an outer surface, an inner surface and an axis;

a second rotatable disc, said second rotatable disc having an outer surface, an inner surface and an axis;

a plurality of rods, said rods being rotatably mounted on said first rotatable disc and said

second rotatable disc and being spaced apart in a circumferential direction, each of said plurality of rods having an axis, a first end and a second end, wherein said axis of said first rotatable disc is aligned with said axis of said second rotatable disc; wherein said first end of each of said rods is inserted through an opening in said first rotatable disc and is turnably secured within said first rotatable disc; wherein said second end of each of said rods is inserted through a corresponding opening in said second rotatable disc; and wherein said discs and said rods are configured so as to allow said rods to rotate around their axes while said discs are rotated around said axes of said discs.

27. (New) A rotatable food support for use in a compact smoking oven in accordance with Claim 26, wherein said first end of each of said rods is turnably secured within said first rotatable disc by a rotatable flap, said flap being pivotally mounted on said first rotatable disc

28. (New) A rotatable food support for use in a compact smoking oven in accordance with Claim 26, wherein each of said rods further comprises a flywheel, said flywheel and each of said rods being configured to force the rotation of each of said rods around its axis during the rotation of said discs.

29. (New) A rotatable food support in combination with a compact smoking oven, comprising:  
a compact smoking oven;  
at least one rod for supporting a food product to be smoked in said compact smoking oven, said rod being rotatably mounted within said compact oven, said rod having an axis and being

disclosed the compact smoking oven having a rotatable food support, which, in the preferred embodiment shown in Figs. 14A - 14C, is constructed of a first rotatable disc, a second rotatable disc and a plurality of rods. The rods are rotatably mounted and spaced apart in a circumferential direction on the rotatable discs. Each rod has one of its ends inserted through an opening in the first rotatable disc and is turnably secured by a rotatable flap which is pivotally mounted on the first disc. The other end of each rod is inserted through a corresponding opening in the second rotatable disc. When the discs are rotated during the smoking process, the rods also rotate around their axes. Additionally, the entire food supporting assembly may be removed from the oven for loading and unloading of the food product without disassembling rods from the discs inside the oven. The above described structure was deemed by the Applicant to be an essential feature of his invention. However, claims of the issued '471 patent do not adequately cover this feature. Since this matter might have been claimed in the original patent Applicant has amended the existing claims and added new claims to protect his invention in this reissue application.

Applicant further added new claims 32 and 33 to more particularly claim a rotatable grate which is disclosed in the original patent but was not adequately protected by the issued claims. Figs 11B, 13B and 16 show a food support constructed as a grate having two portions movable between two positions: open and closed. The grate can be mounted on two rotatable discs and then inserted into the oven as a unit, as shown in Fig. 13B, or it may be rotatably mounted on the oven's walls, as shown in Fig. 11B.

In view of the above amendments and remarks, it is submitted that all of the claims